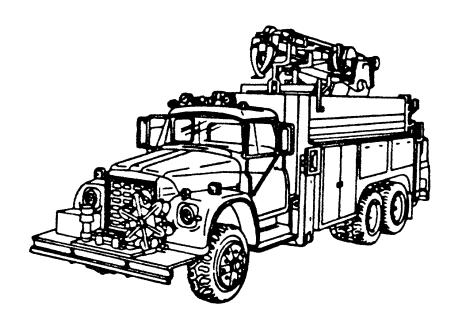
# **M876 TELEPHONE TRUCK**



SYSTEM IDENTIFIERS							
NOMENCLATURE:	Truck, Maintenance, Telephone Utility						
SSN:							
LIN:	T53858						
NSN:	2320-00-000-0114						
AMIM NO:							
EIC:	ВНА						
FUEL TYPE:	DIESEL						

### **SYSTEM DESCRIPTION**

The M876 telephone utility truck is equipped with a Pole Master 300 hydraulic powered derrick/crane. It supports, services and maintains military overhead communication and high voltage electrical transmission lines. The M876 weighs 18 tons.

There are no separately authorized components identified with this weapon/materiel system.

# M876 TELEPHONE TRUCK

LIN	NSN	NOMENCLATURE

This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analyses and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

# M876 TELEPHONE TRUCK FY 94 TOTAL ARMY COST SUMMARY (FY 94 Constant Dollars)

37

#### **DENSITY**

NUMBER OF SYSTEMS

#### **DEPOT END ITEM MAINTENANCE (5.061)**

TOTAL \$0
QUANTITY COMPLETED 0
AVG COST/END ITEM \$0.00

#### CLASS III-POL (5.05)

#### **NOT AVAILABLE**

#### **DEPOT SECONDARY ITEM MAINTENANCE**

TOTAL \$0
QUANTITY COMPLETED 0
AVG COST/SECONDARY ITEM \$0.00

#### **CLASS V-AMMUNITION (2.11)**

#### **NOT APPLICABLE**

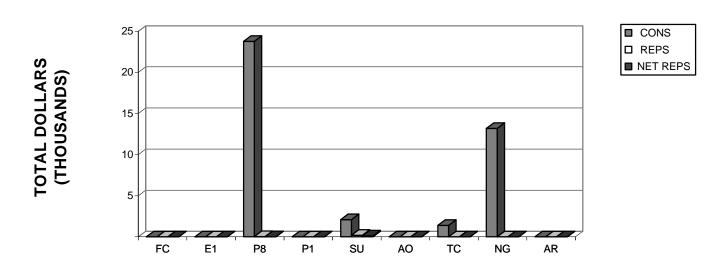
INTERMEDIATE MAINTENANCE								
	DS/GS	CIVILIAN						
MIL/CIV LABOR COST	\$6,162	\$0						
AVG COST/SYSTEM	\$166.54	\$0.00						
MAINTENANCE MANHOURS	371	0						
MMHs/SYSTEM	10.03	0.00						

#### **CLASS IX MATERIEL-PARTS (5.04/5.03)**

	FY 94	AVG COST
	<u>DOLLARS</u>	PER SYSTEM
CONSUMABLES	\$40,446	\$1,093.14
NET REPARABLES	\$118	\$3.19
TOTAL	\$40,564	\$1,096.32

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparables, (REPS), and net reparables (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

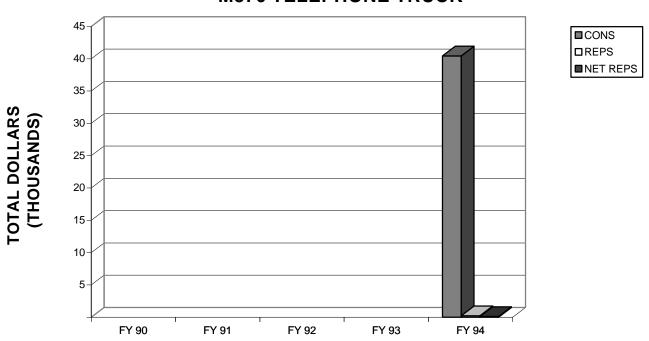
#### **M876 TELEPHONE TRUCK**



	M876 TELEPHONE TRUCK										
	FY 94 MACOM CLASS IX COSTS										
	MACOM			NET	NET TOTAL	NUMBER OF	AVG PER				
CODE	NAME	CONS	REPS	REPS	COSTS	SYSTEMS	SYSTEM				
FC	FORSCOM	0	0	0	0	0	0				
E1	USAREUR	0	0	0	0	0	0				
P8	EUSA	23,785	35	18	23,803	5	4,761				
P1	USARPAC	0	0	0	0	0	0				
SU	USARSO	2,090	193	100	2,190	1	2,190				
AO	USASOC	0	0	0	0	0	0				
TC	TRADOC	1,385	0	0	1,385	3	462				
NG	ARNG	13,186	0	0	13,186	28	471				
AR	USAR	0	0	0	0	0	0				
TA	TOTAL ARMY	40,446	228	118	40,564	37	1,096				

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparables (REPS) and net reparables (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year

#### **M876 TELEPHONE TRUCK**



	M876 TELEPHONE TRUCK FIVE YEAR TOTAL ARMY CLASS IX COSTS										
FISCAL			NET	NET	NUMBER OF	AVG PER					
YEAR	CONS	REPS	REPS	TOTAL COSTS	SYSTEMS	SYSTEM					
FY 90											
FY 91											
FY 92											
FY 93											
FY 94	40,446	228	118	40,564	37	1,096					

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army.

	M876 TELEPHONE TRUCK FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS											
	NET NET NUM OF AVG PER											
WBS	NAME	CONS	REPS	REPS	TOTAL COSTS	SYSTEMS	SYSTEM					
01	HULL/FRAME	15,818	0	0	15,818	37	428					
02	SUSPENSION/STEER	4,485	0	0	4,485	37	121					
03	POWER PACKAGE	13,538	228	118	13,656	37	369					
04	AUX AUTOMOTIVE	377	0	0	377	37	10					
05	TURRET ASSEMBLY	0	0	0	0	0	0					
06	FIRE CONTROL	0	0	0	0	0	0					
07	ARMAMENT	0	0	0	0	0	0					
80	BODY/CAB	0	0	0	0	0	0					
09	AUTO LOADING	0	0	0	0	0	0					
10	AUTO/REMOTE PILOT	0	0	0	0	0	0					
11	NBC EQUIPMENT	0	0	0	0	0	0					
12	SPECIAL EQUIPMENT	0	0	0	0	0	0					
13	NAVIGATION	0	0	0	0	0	0					
14	COMMUNICATIONS	0	0	0	0	0	0					
15	VEH APP SOFTWARE	0	0	0	0	0	0					
16	VEH SYS SOFTWARE	0	0	0	0	0	0					
17	INT, ASSY, TEST, C/O	0	0	0	0	0	0					
18	OTHER	6,228	0	0	6,228	37	168					
	TOTAL	40,446	228	118	40,564	37	1,096					

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

	M876 TELEPHONE TRUCK FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS										
		FY 90	FY 91	FY 92	FY 93	FY 94					
		NET TOTAL									
WBS	NAME	COSTS	COSTS	COSTS	COSTS	COSTS					
01	HULL/FRAME					15,818					
02	SUSPENSION/STEER					4,485					
03	POWER PACK					13,656					
04	AUX AUTOMOTIVE					377					
05	TURRET ASSEMBLY					0					
06	FIRE CONTROL					0					
07	ARMAMENT					0					
80	BODY/CAB					0					
09	AUTO LOADING					0					
10	AUTO/REMOTE PILOT					0					
11	NBC EQUIPMENT					0					
12	SPECIAL EQUIPMENT					0					
13	NAVIGATION					0					
14	COMMUNICATIONS					0					
15	VEH APP SOFTWARE					0					
16	VEH SYS SOFTWARE					0					
17	INT, ASSY, TEST, C/O					0					
18	OTHER					6,228					
	TOTAL					40,564					
	NUM OF SYSTEMS					37					
	AVG PER SYSTEM					1,096					

# M876 TELEPHONE TRUCK TOP 40 COST DRIVERS CLASS IX CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE	FY 94 QTY
	INOIN	NOMENCLATORE	WBS	IVIKC	AKI	MATCAT	UNIT PRICE	QII
1.	2590011324901	BASKET,FIBERGLASS	01H	Z		J2200	1,350.09	3.00
	3830010452808	CYLINDER ASSEMBLY,A	01H	F		J2100	3,123.26	1.00
	6140001909828	BATTERY, STORAGE	18	Z		Q2200	106.04	27.93
4.	2610009446996	TIRE PNEUMATIC	02J	0		K21PP	102.00	24.00
5.	2940010119260	FILTER ELEMENT,FLUI	03A	Z		J2200	5.15	442.00
6.	2610009446995	TIRE PNEUMATIC TRUCK	02J	0		K21PP	102.00	19.00
7.	2520010070342	TURBINE, TORQUE CONV	03L	Z		J2200	395.07	4.00
8.	4320010540302	MOTOR, HYDRAULIC	18	Z		J2200	1,206.59	1.00
9.	3040011659549	PARTS KIT,LINEAR AC	03K	Z		J2200	501.79	2.00
10.	4720012880785	HOSE ASSEMBLY, NONME	01A	Z		J2200	224.46	4.00
11.	2910010374054	NOZZLE, FUEL INJECTI	03A	F		J2100	79.37	11.00
12.	2930010654774	RADIATOR, ENGINE COO	03G	F		J2100	753.47	1.00
_	2510011679162	DOOR,VEHICULAR	01A	0		J2100	711.72	1.00
14.	3040010526023	PARTS KIT,LINEAR AC	03K	Z		J2200	354.08	2.00
_	5330004794267	SEAL,OIL	01A	Z		T2200	27.34	23.00
	2530010503298	CHAMBER,AIR BRAKE	03Q	0		J2100	87.84	7.00
	6240001558717	LAMP,INCANDESCENT	18	Z		J2200	12.71	40.62
18.		VALVE,DIAPHRAGM,STO	01A	Z		J2200	54.45	9.37
	4720010659976	HOSE,NONMETALLIC	01A	Z		J2200	110.83	4.00
	2590010659970	ACTUATOR,REMOTE	01H	Z		J2200	106.45	4.00
	2805010529670	PARTS KIT,CYLINDER	03A	Z		J2200	69.59	6.00
	4820010669079	VALVE,REGULATING,FL	01A	Z		J2200	396.70	1.00
	3040010526022	PARTS KIT,LINEAR AC	03K	Z		J2200	92.17	4.00
	2520011338279	HOLDER	03H	Z		J2200	6.06	60.00
	2590010652167	HORN,ELECTRICAL	01H	Z		J2200	9.41	37.87
	4320010728346	PARTS KIT, HYDRAULIC	18	Z		J2200	328.84	1.00
	4020010709571	FIBER ROPE ASSEMBLY	18	Z		J2200	316.26	1.01
	2540011683748	BELT, VEHICULAR SAFE	01H	Z		J2200	14.85	21.25
_	2520010542966	PARTS KIT, HYDRAULIC	03H	Z		J2200	152.89	2.00
	2530000102736	PARTS KIT, VEHICULAR	03Q	Z		J2200	101.21	3.00
	5340011631419	HANDLE,RECESS	01A	Z		T2200	13.78	21.00
	2530010390653	BRAKE SHOE	03Q	F		J2100	65.90	4.00
	2920011110486	STARTER, ENGINE, ELEC	03A	F		J2100	262.15	1.00
	2530011815797	PARTS KIT, STEERING	03Q	F		J2100	42.70	6.00
	2530011838236	VALVE,BRAKE PNEUMAT	03Q	F		J2100	122.46	2.00
	2540011624313	CUSHION, SEAT, VEHICU	01H	Z		J2200	242.70	1.00
	4820011233068	VALVE,LINEAR,DIRECT	01A	F 7		J2100	121.06	2.00
	6680010710785	TACHOMETER, ELECTRIC	01A	Z		J2200	117.29	2.00
39.		PARTS KIT, LINEAR AC	03K	Z		J2200	115.87	2.00
40.	2520007675417	PISTON ASSEMBLY,LOC	03H	Z		J2200	111.63	2.00

NUMBER OF SYSTEMS 37

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

# M876 TELEPHONE TRUCK CONSUMABLES (NON-DLRs)

					FY 90-94
	AVERAGE COS	ST AV	ERAGE QUANTITY	FIVE Y	EAR AVERAGE
EXTENDED COST	PER		PER		
(QTY * UNIT PRICE)	SYSTEM		100 SYSTEMS	 QΤΥ	EXTENDED COST
				 	_
4,050	109.46		8.1081		
3,123	84.41		2.7027		
2,962	80.05		75.4865		
2,448	66.16		64.8649		
2,276	61.51		1,194.5946		
1,938	52.38		51.3514		
1,580	42.70		10.8108		
1,207	32.62		2.7027		
1,004	27.14		5.4054		
898	24.27		10.8108		
873	23.59		29.7297		
753	20.35		2.7027		
712	19.24		2.7027		
708	19.14		5.4054		
629	17.00		62.1622		
615	16.62		18.9189		
516	13.95		109.7838		
510	13.78		25.3243		
444	12.00		10.8108		
426	11.51		10.8108		
418	11.30		16.2162		
397	10.73		2.7027		
369	9.97		10.8108		
364	9.84		162.1622		
356	9.62		102.3514		
329	8.89		2.7027		
319	8.62		2.7297		
316	8.54		57.4324		
306	8.27		5.4054		
304	8.22		8.1081		
289	7.81		56.7568		
264	7.14		10.8108		
262	7.08		2.7027		
256	6.92		16.2162		
245	6.62		5.4054		
243	6.57		2.7027		
242	6.54		5.4054		
235	6.35		5.4054		
232	6.27		5.4054		
223	6.03		5.4054		
33,641	83.2%	TOP 40			
6,805	16.8%	OTHERS			
40,446					

# M876 TELEPHONE TRUCK COST DRIVERS CLASS IX REPARABLES (DLRs)

						FY 94 AMDF	UNIT PRICE	FY 94
NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	W/O CREDIT	W/CREDIT	QTY
			,	' <u></u> '				
1. 2520012359590	COVER ASSEMBLY,PU	03H	D		K21M5	193.00	100.17	1.18

NUMBER OF SYSTEMS

37

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

# M876 TELEPHONE TRUCK REPARABLES (DLRs)

	AVERAGE COST			FY 90-94
EXTENDED COST	(W/CREDIT)	AVERAGE QUANTITY	FIVE	YEAR AVERAGE
(W/CREDIT)	PER	PER		EXTENDED COST
(QTY * UNIT PRICE)	SYSTEM	100 SYSTEMS	QTY	(W/CREDIT)
118	3.19	3.1892		

118 100.0% COST DRIVERS
0 0.0% OTHERS
118

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

M876 TELEPHONE TRUCK FY 94 DEPOT MAINTENANCE COSTS									
COST		END I	TEM			SECONDARY	ITEM		
ELEMENTS		MAINTEN	NANCE			MAINTENAN	NCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER		
CIVILIAN LABOR	0	0	0	0	0	0	0		
MILITARY LABOR	0	0	0	0	0	0	0		
MATERIEL	0	0	0	0	0	0	0		
TRANSPORTATION	0	0	0	0					
OVERHEAD	0	0	0	0	0	0	0		
CONTRACT	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	0	0	0	0	0	0	0		
QTY COMPLETED	0	0	0	0	0	0	0		
AVG COST	0	0	0	0	0	0	0		

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.61). CIVILIAN LABOR COSTS are a summation from the source data.

M876 TELEPHONE TRUCK FY 94 INTERMEDIATE MAINTENANCE COSTS							
	DS/GS LABOR	DS/GS	CIVILIAN	CIVILIAN	CIVILIAN LABOR		
MACOM	HOURS	LABOR COSTS	LABOR HOURS*	LABOR COSTS <sup>*</sup>	COST/HOUR		
FORSCOM	0	0	0	0	0.00		
USAREUR	0	0					
EUSA	121	2,010					
USARPAC	0	0					
USARSO	0	0					
USASOC	0	0					
TRADOC	0	0	0	0	0.00		
ARNG	250	4,153					
USAR	0	0					
TOTAL ARMY	371	6,162	0	0	0.00		

<sup>\*</sup>TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

M876 TELEPHONE TRUCK FIVE YEAR DEPOT MAINTENANCE COSTS										
COST ELEMENTS							ONDARY I			
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
CIVILIAN LABOR					0					0
MILITARY LABOR					0					0
MATERIEL					0					0
TRANSPORTATION					0					
OVERHEAD					0					0
CONTRACT					0					0
OTHER					0					0
TOTAL					0					0
QTY COMPLETED					0					0
AVG COST					0					0

The table below sumarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

M876 TELEPHONE TRUCK FIVE YEAR INTERMEDIATE MAINTENANCE COSTS										
		DIRECT/0	GENERAL S	SUPPORT				CIVILIAN		
	INT	ERMEDIAT	E MAINTEN	IANCE (DS	/GS)		MAIN	NTENANCE	(CIV)	
MACOM	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
FORSCOM					0					0
USAREUR					0					
EUSA					2,010					
USARPAC					0					
USARSO					0					
USASOC					0					
TRADOC					0					0
ARNG					4,153					
USAR					0					
TOTAL ARMY					6,162					0
LABOR HRS					371					0
COST PER HR					16.61					0.00

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

M876 TELEPHONE TRUCK FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS								
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REBUILD/ OVERHAUL	FY 94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL			
	N	O DATA AVAI	LABLE					

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

M876 TELEPHONE TRUCK FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS							
		FY 94 AMDF	FY 94 TOTAL COST	FY 94 QTY	AVG COST		
NSN	NOMENCLATURE	PRICE	TO REPAIR	COMPLETED	TO REPAIR		
	N	O DATA AVAI	LABLE				

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 15 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90-94 QTY COMPLETED.

M876 TELEPHONE TRUCK FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS								
	FY 94 AMDE	FY 90-94 TOTAL COST TO REBUILD/	FY 90-94 OTY	AVG COST TO REBUILD/				
NOMENCLATURE	PRICE	OVERHAUL	COMPLETED	OVERHAUL				
N	O DATA AVAI	LABLE						
	NOMENCLATURE	FY 94 AMDF NOMENCLATURE PRICE	FY 90-94 FY 94 TOTAL COST AMDF TO REBUILD/	FY 90-94 FY 94 TOTAL COST FY 90-94 AMDF TO REBUILD/ QTY NOMENCLATURE PRICE OVERHAUL COMPLETED				

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 15 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

M876 TELEPHONE TRUCK FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS						
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REPAIR	FY 90-94 QTY COMPLETED	AVG COST TO REPAIR	
	N	O DATA AVAI	LABLE			

# **CHOOSE A VOLUME FOR MORE SYSTEMS**



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